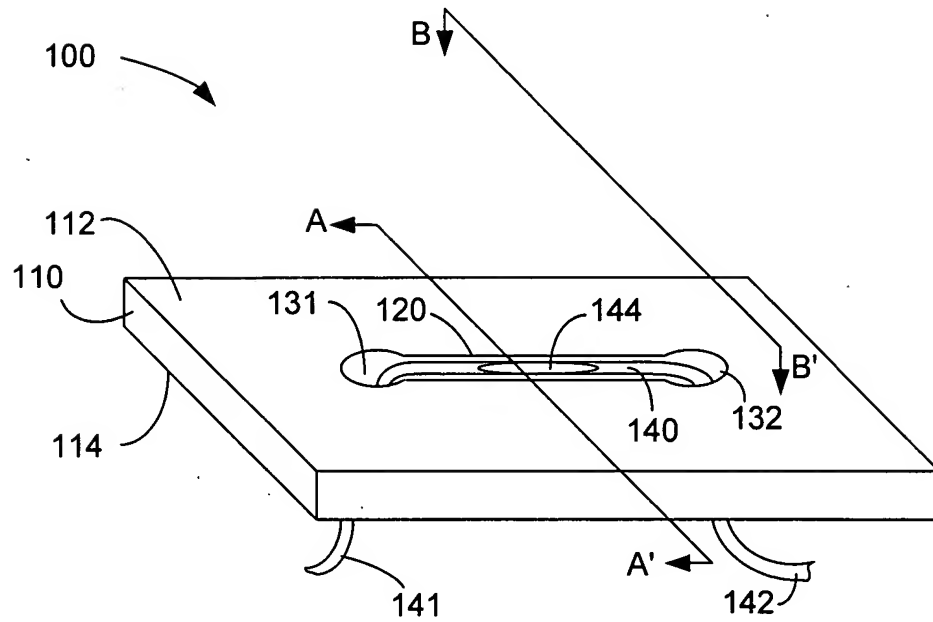
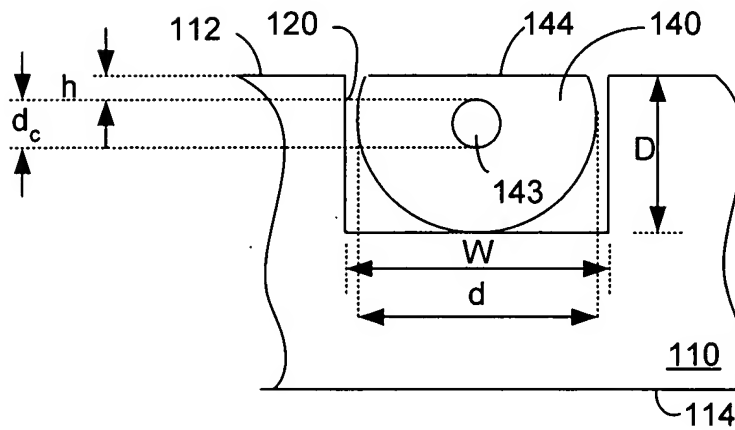


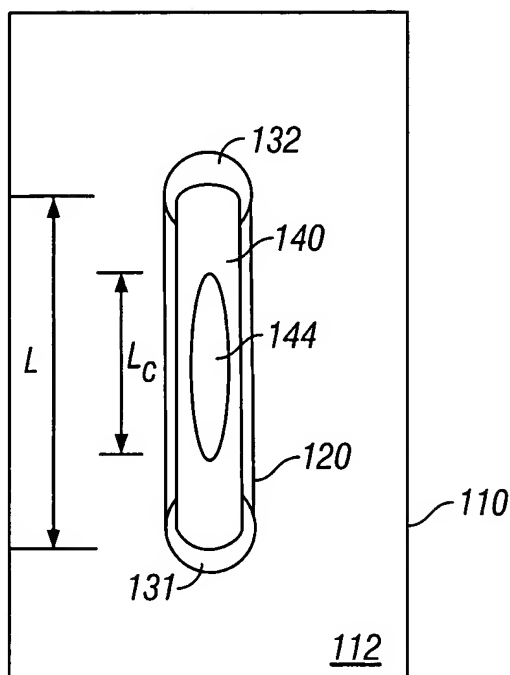
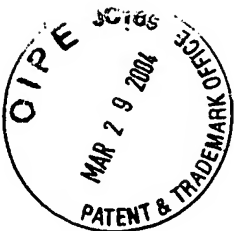


**FIG. 1**

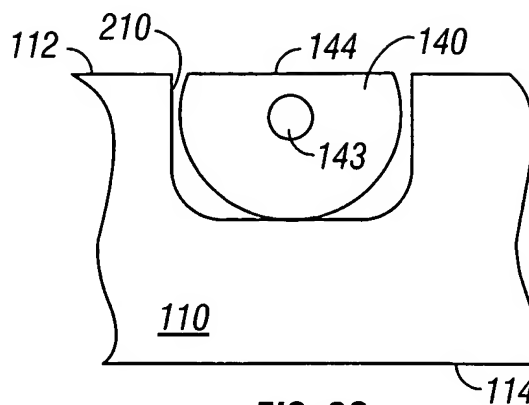


**FIG. 2A**

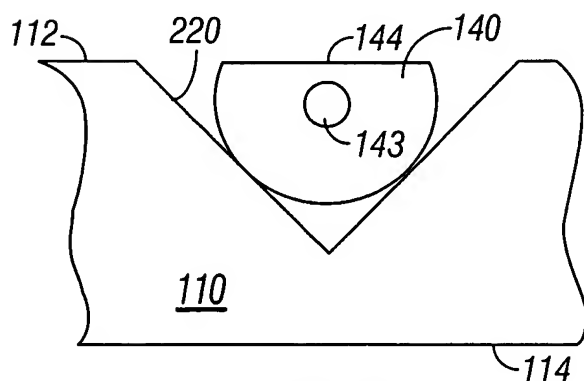




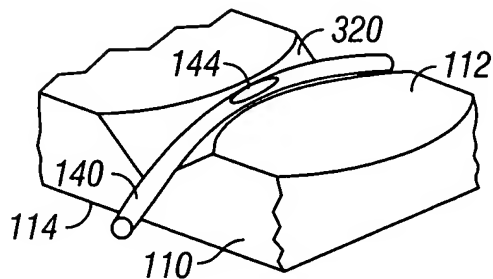
**FIG. 2B**



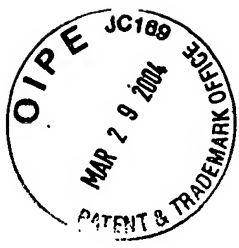
**FIG. 2C**



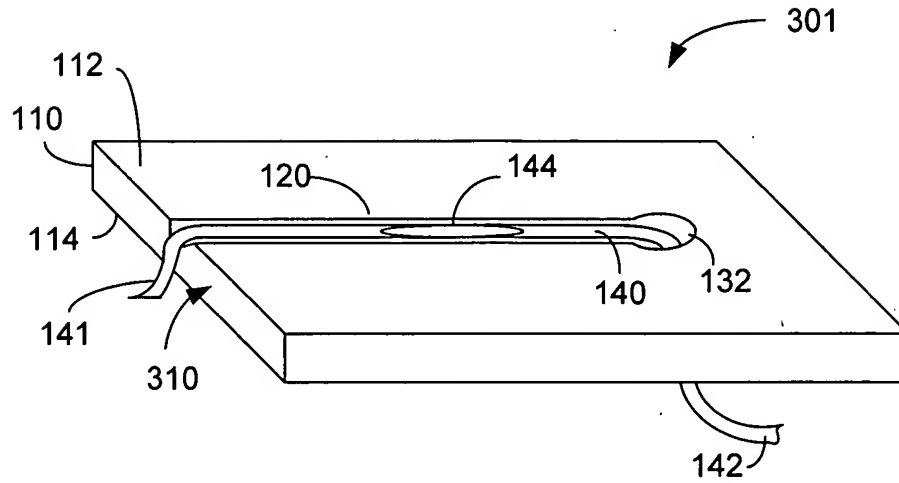
**FIG. 2D**



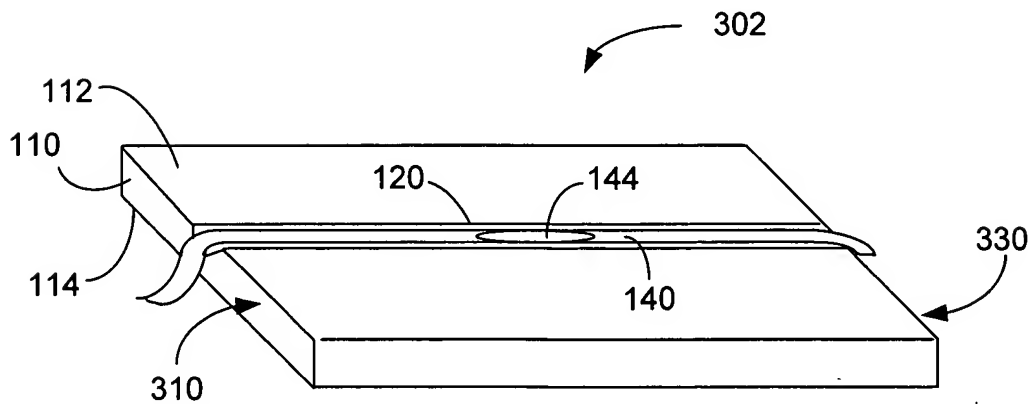
**FIG. 2E**

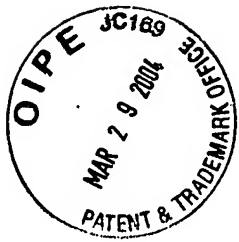


**FIG. 3A**

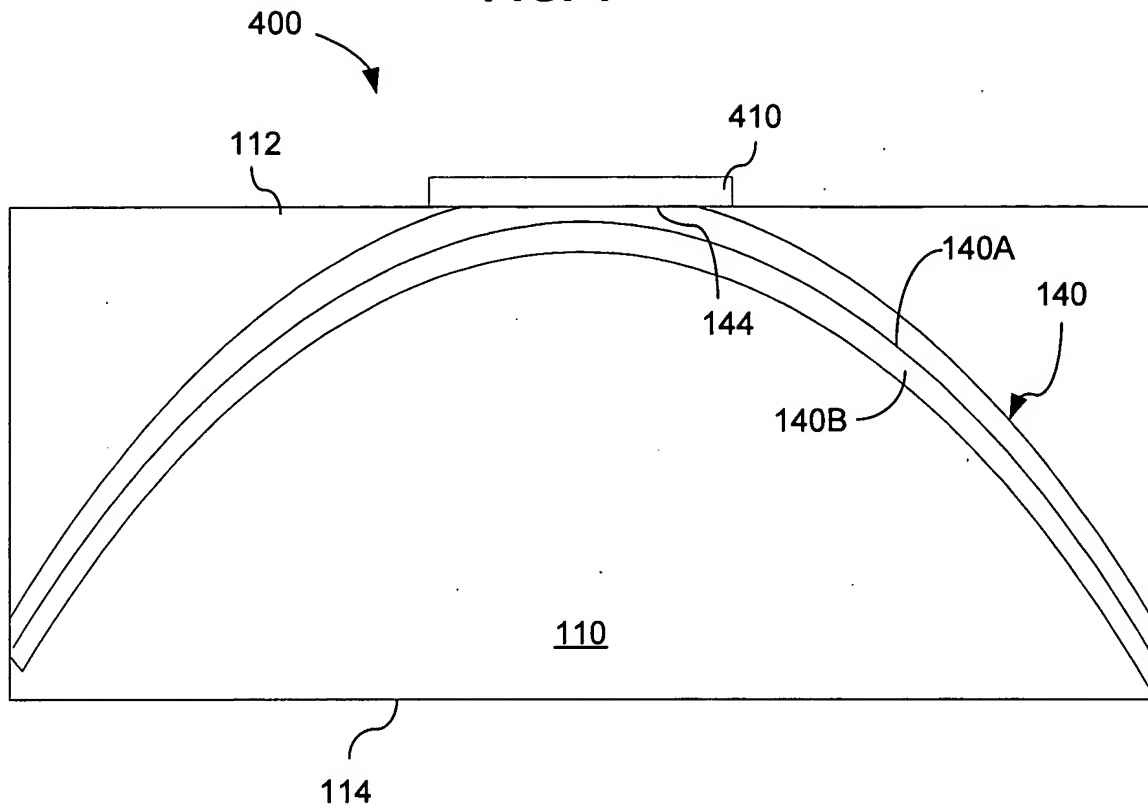


**FIG. 3B**

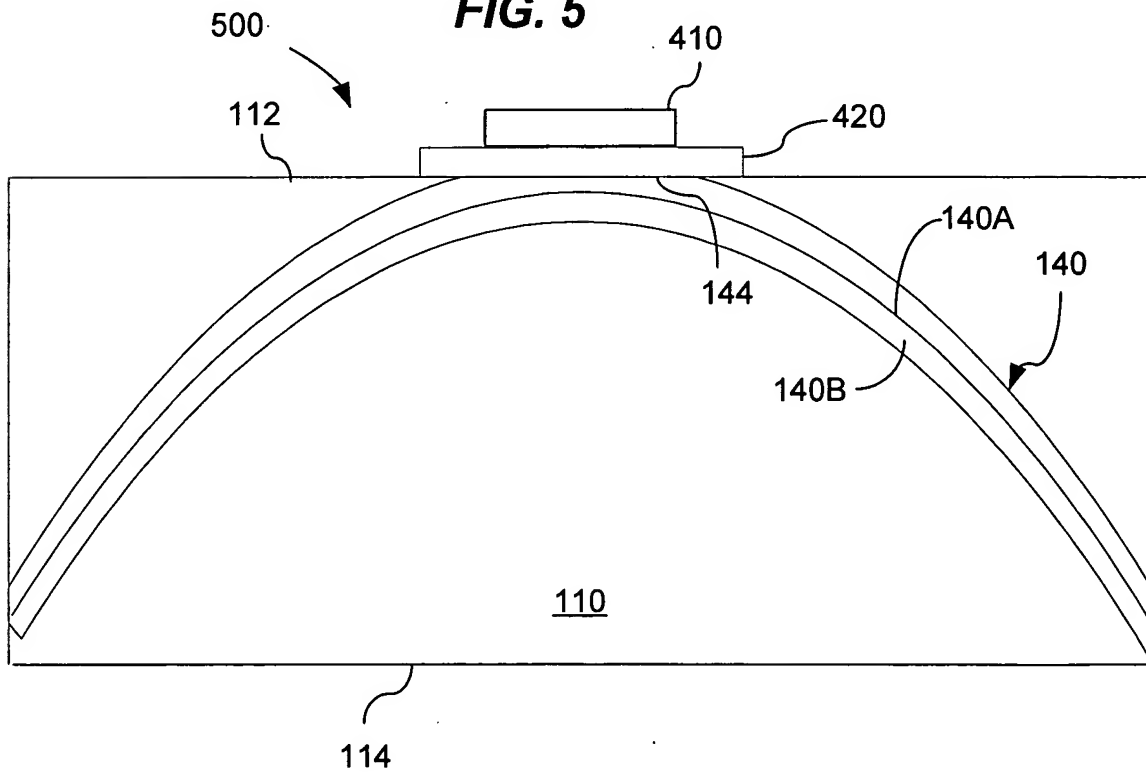




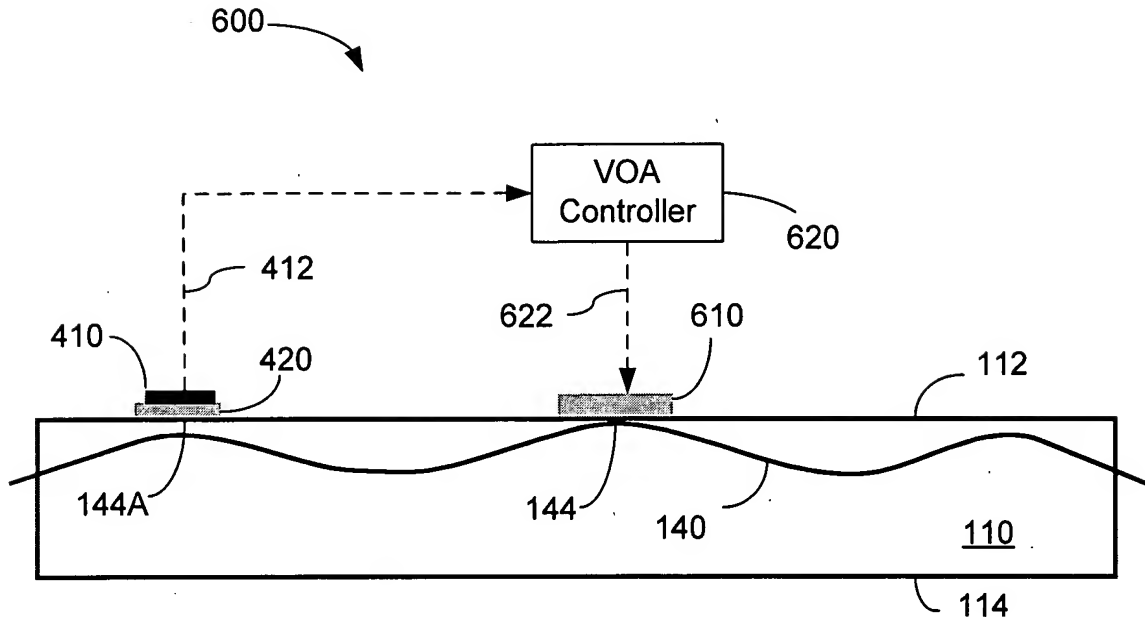
**FIG. 4**



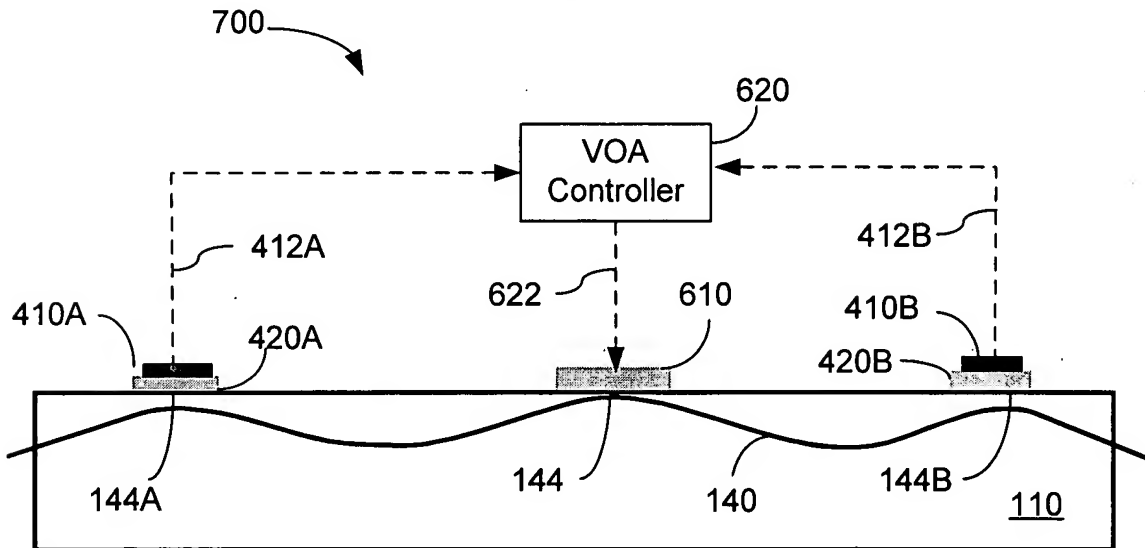
**FIG. 5**

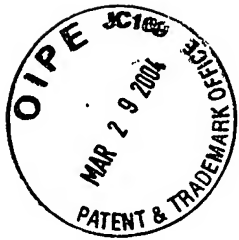


**FIG. 6**



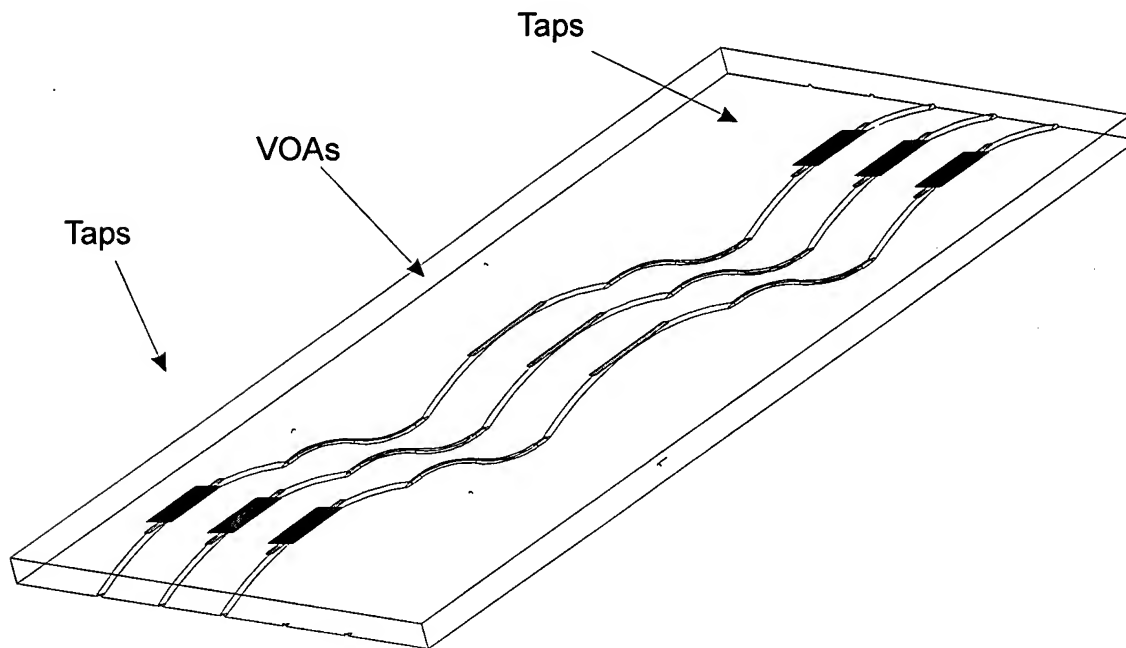
**FIG. 7**



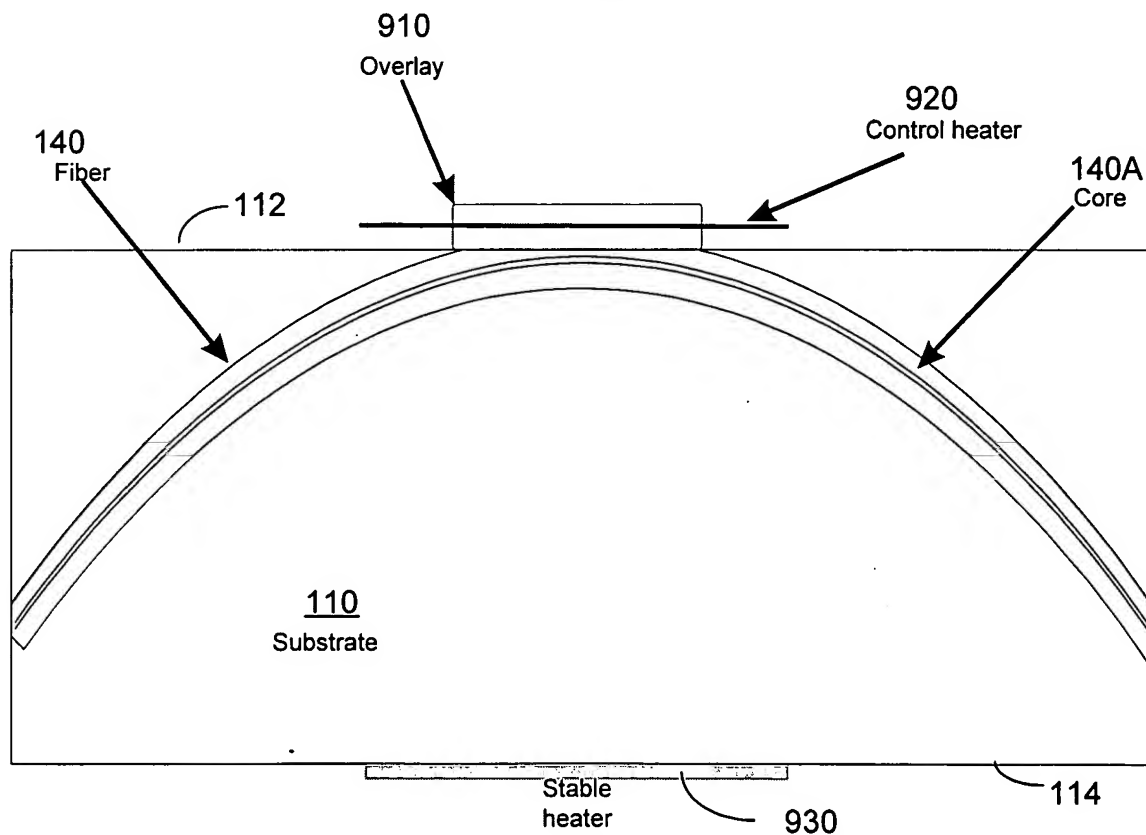


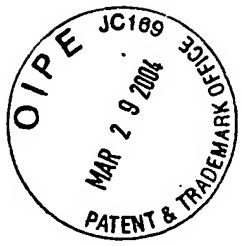
**FIG. 8**

VOA tap array

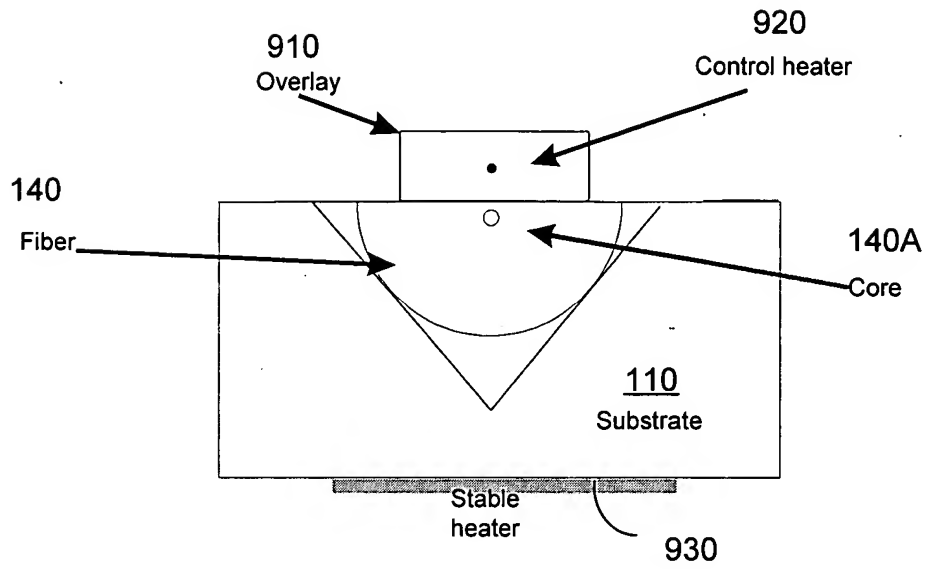


**FIG. 9A**

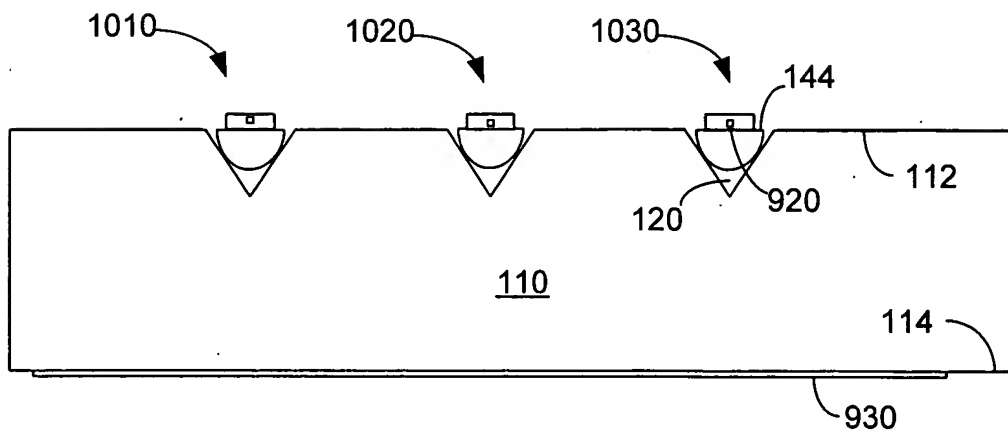


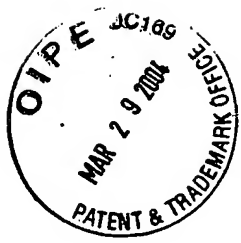


**FIG. 9B**

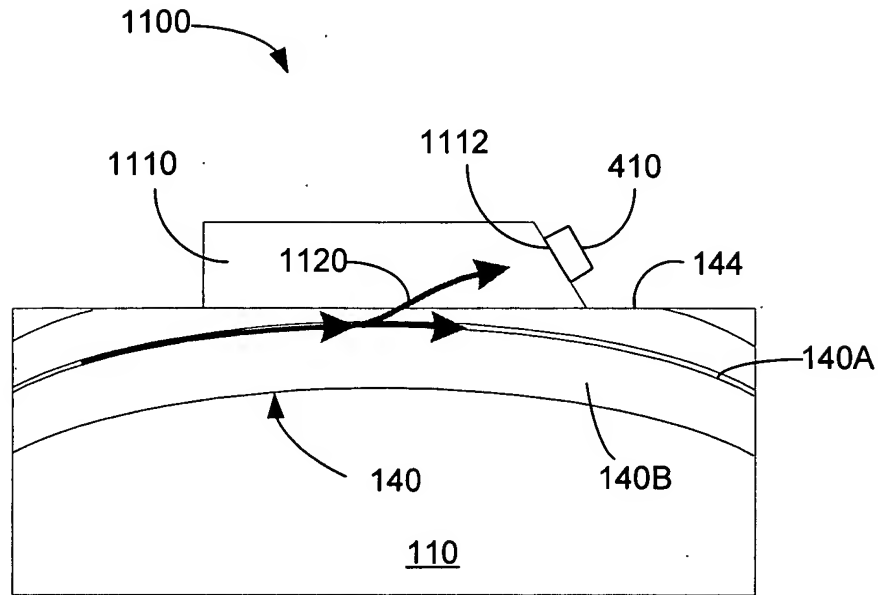


**FIG. 10**

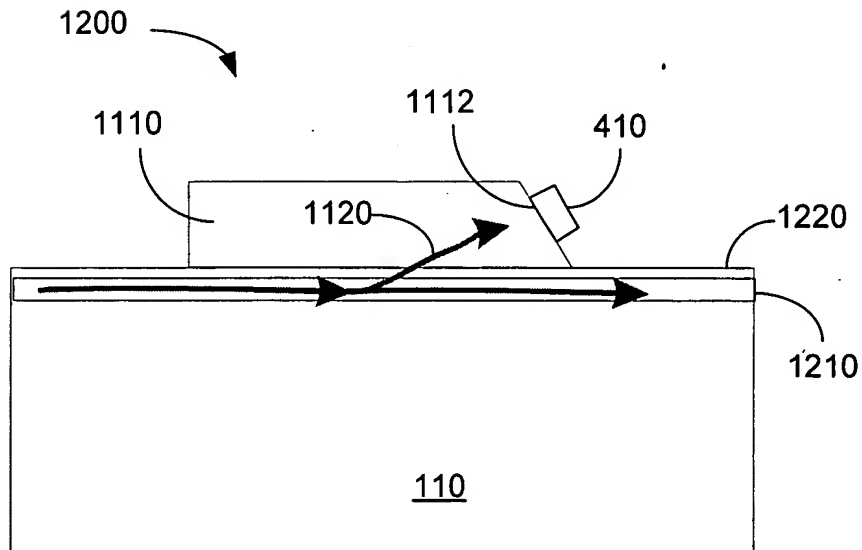




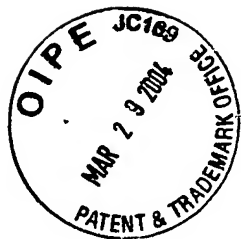
**FIG. 11**



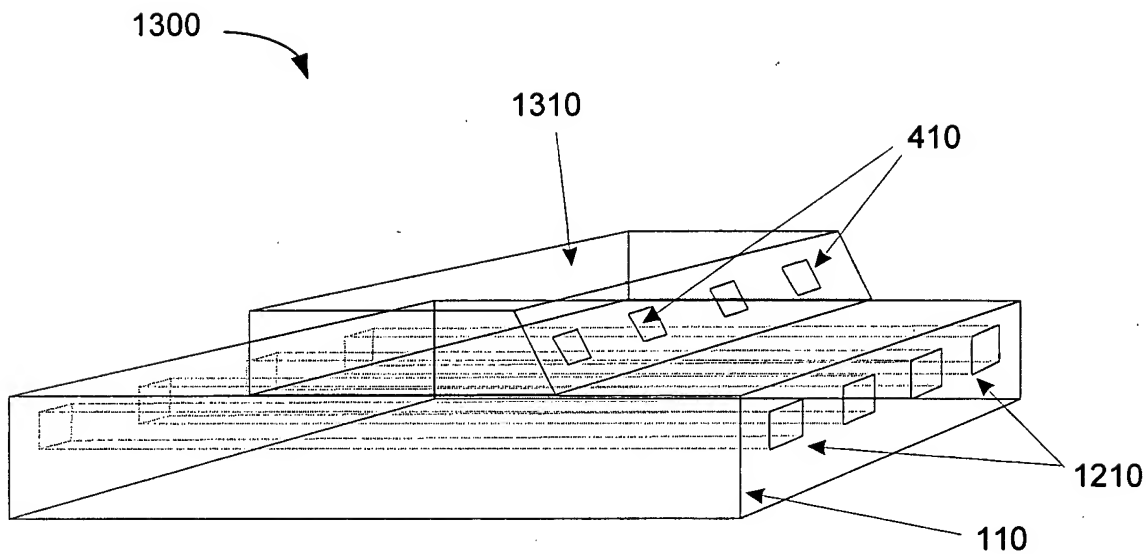
**FIG. 12**







**FIG. 13**



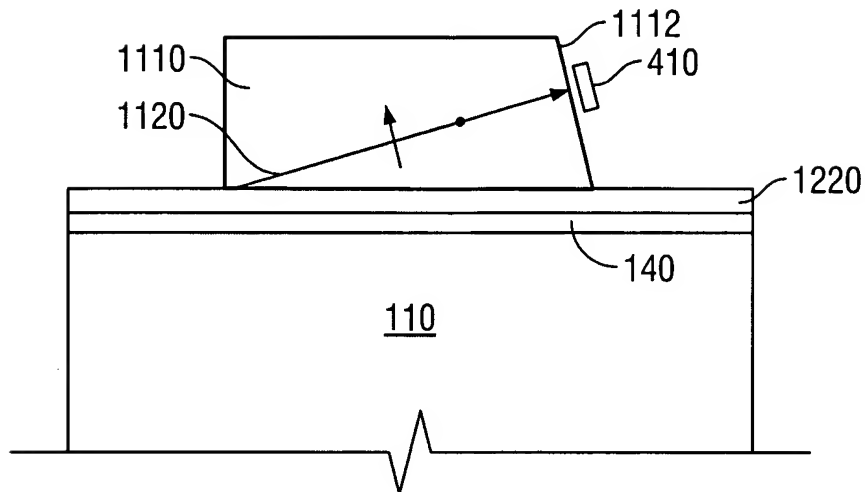
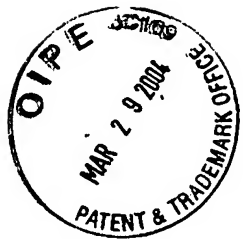


FIG. 14A

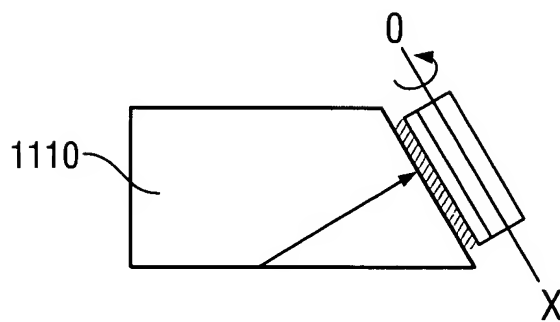
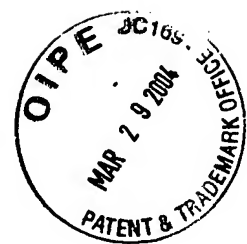
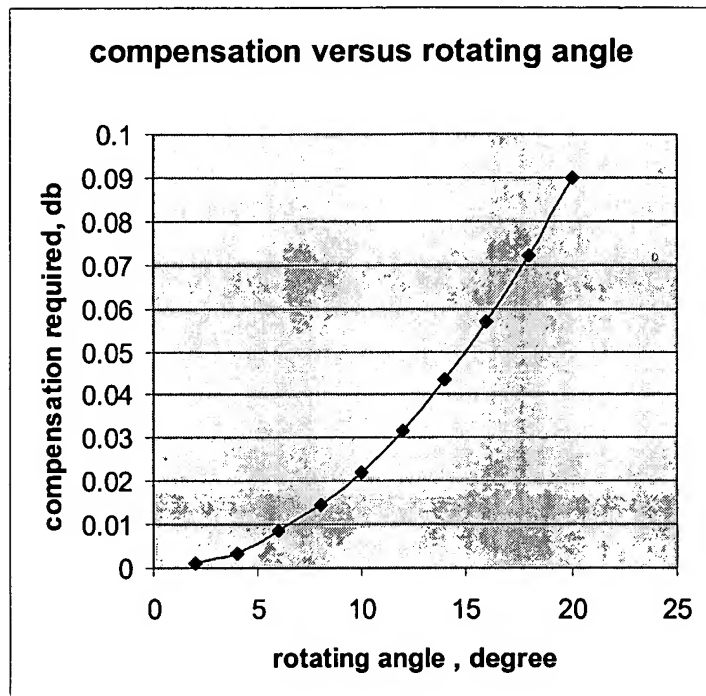


FIG. 14B



**FIG. 14C**



**FIG. 14D**

